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Intellectual Broperty Law

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FACSIMILE TRANSMISSION COVER SHEET

DATE:

August 6, 2004

TO:

Examiner Brian J. Sines Group Art Unit 1743 Mail Stop Amendment Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RE:

U.S. Patent Application No. 09/752,656 For: SENSORS WITH IMPROVED PROPERTIES

Our Ref.: 00140 (3600-333)

FROM:

Luke A. Kilyk, Esq.

FAC. TEL. NO.:

1-703-872-9306

NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 25

Items Attached: Amendment -- 23 Pages

Fee Transmittal Sheet -- 1 Page

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Name of Person signing Certificate

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PAGE 02 PTO/SB/17 (10-03)

Approved for use through 07/31/2008. OMB 0851-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | Complete if Known | | | | | |
|--|--|-------------|----------------------|------------|--|-------------------|--|--|
| FEE TRANSMITTA | 1 | | Applicat | ion Num | ber | 09/752,6 | 556 | |
| LEF HAMOMILIAE | | | | ate | | December 29, 2000 | | |
| for FY 2004 | | | First Named Inventor | | entor | MUNOZ et al. | | |
| | | | Examiner Name | | | Brian J. SINES | | |
| Effective 10/01/2003. Patent fees are subject to annual revision. | | | Art Unit | | | 1743 | | |
| Applicants claim small entity status. See CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 104.00 | | | Attorne | y Docket | No. | 00140 (3600-333) | | |
| | | | | | | | | |
| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) None 3. ADDITIONAL FEES | | | | | | | |
| Check Credit card Money Other None | 3. At | | | Entity | | | | |
| X Deposit Account | Fee Code | Foo (\$) | Fee Code | Fee (\$) | Fee D | escription | Fee Paid | |
| Deposit Account 03-0060 | 1051 | 130 | 2051 | 66 | Surcharge - late filing | fee or eath | | |
| Number Deposit Cabot Corporation | 1052 | 50 | 2052 | 25 | 25 Surcharge – late provisional filing fee or | | , | |
| Account Name | l | | | | cover sheet | | | |
| The Director is authorized to: (check all that apply) | 1053 | 130 | 1053 | 130 | Non-English specifica | <u> </u> | | |
| X Charge fee(s) indicated below X Credit any overpayments | 1812 | 2,520 | 1812 | | For filing a request for Requesting publication | | ination | |
| X Charge any additional fee(s) or any underpayment of fee(s) | 1804 | 920* | 1804 | 920* | Examiner action Requesting publication | | | |
| Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. | 1805 | 1,840* | 1805 | 1,840* | Examiner action | | | |
| FEE CALCULATION | 1251 | 110 | 2251 | 55 | Extension for reply wi | thin first month | | |
| 1. BASIC FILING FEE | 1252 | 420 | 2252 | 210 | Extension for reply wi | thin second mont | h | |
| Large Entity Small Entity | 1253 | 950 | 2253 | 475 | Extension for reply wi | thin third month | | |
| Fee Fee Fee Fee Peecription Fee Paid Code (\$) | 1254 | 1,480 | 2254 | 740 | Extension for reply wi | | | |
| 1001 770 2001 385 Utility filing fee | 1255 | 2,010 | 2255 | 1,005 | Extension for reply wi | thin fifth month | | |
| 1002 340 2002 170 Design filing fee | 1401 | 330 330 | 2401 | 165 | Notice of Appeal | d of an anneal | | |
| 1003 530 2003 265 Plant filing fee | 1402 1403 | 330 290 | 2402 | 165 145 | Filing a brief in suppo Request for oral heari | | | |
| 1004 770 2004 385 Relssue filing fee 1005 160 2005 80 Provisional filing fee | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a | - | ding | |
| | 1452 1453 | 110 | 2452 | 55 | Petition to revive - un | | | |
| SUBTOTAL (1) (\$)0.00 | | 1,330 | 2453 | 665 | Petition to revive – un | | ļ | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or re | 122(16) | | |
| Extra Claims below Fee Paid | 1502 | 480 | 2502 | 240 | Design issue fee | | <u> </u> | |
| Independent 7 43 1 X 88 00 = 86 00 | 1503 1460 | 640 130 | 2503 1460 | 320 130 | Plant issue fee Petitions to the Comm | nissioner | | |
| Claims 3 -4 - 1 30.00 00.00 Multiple Dependent = | 1807 | 50 | 1807 | 50 | Processing fee under | | | |
| Large Entity Small Entity | 1806 | . 180 | 1806 | 180 | Submission of Inform | | Strnt | |
| Fee Fee Fee Fee Description | 8021 | 40 | 8021 | 40 | Recording each pater | nt assignment pe | | |
| Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20 | 1809 | 770 | 2809 | 385 | property (times number Filling a submission at (37 CFR 1.129(a)) | | | |
| 1201 86 2201 43 Independent claims in excess of 3 | 1810 | 770 | 2810 | 385 | For each additional in examined (37 CFR 1. | | | |
| 1203 290 2203 145 Multiple dependent claim, if not paid | 1801 | 770 | 2801 | 385 | Request for Continued | Examination (RCI | E) | |
| 1204 86 2204 43 **Relssue independent claims over original patent | 1802 | 900 | 1802 | 900 | Request for expedited of a design application | d examination | | |
| 1205 18 2206 9 "Reissue claims in excess of 20 and over original patent | | | • | | or a googer opplication | | | |
| SUBTOTAL (2) (\$) 104.00 Other fee | | | clfy) | | | | | |
| ** or number previously paid, if greater, For Reissues, see above | Reduc | ed by Ba | sic Filing | Fee Paid | SUBTO | TAL (3) | (\$)0.00 | |
| SUBMITTED BY | | | | | Complete (if a | applicable) | | |
| Name (Print/Type) Luke A. Kilyk | Registration i (Attorney/Age | | | | i1 | Telephone | | |
| Signature Date August 6, 2004 | | | | | | | | |
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be included on this form. Provide credit card information and authorization on PTO-2038.

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| Kim Blum | Kemblum |
|--------------|-----------|
| Name (Print) | Signature |

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AUG 0 6 2004

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| Kim Blum | Kentblum |
|--------------|-----------|
| Name (Print) | Signature |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of: MUNOZ et al. |) | Examiner: Brian J. Sines |
|------------------------------------|---|--------------------------|
| Application Number: 09/752,656 |) | Group Art Unit: 1743 |
| Filed: December 29, 2000 |) | Group Art Ollit. 1743 |
| Docket No.: 00140 (3600-333) |) | Confirmation No.: 9394 |

For: SENSORS WITH IMPROVED PROPERTIES

AMENDMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

August 6, 2004

Sir:

This Amendment is in response to the Office Action dated May 6, 2004, for which the Examiner has set a three-month period for response, thus making the response due on or before August 6, 2004.

Please amend the above-identified application as follows:

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.